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**IN THE CLAIMS:**

Please cancel claims 13, 38, 45, 48, and 76 without prejudice or disclaimer.

Please amend claims 1, 26, 46, 47, 49, 77-80, and 92, and add new claim 94 as follows.

1. (currently amended) A combination of a laminate (400) and a substrate (450,650) comprising
  - a waterproof substrate (450, 650); and
  - a laminate (400) joined to said substrate (450,650) at a waterproof seam (500), the laminate (400) having
    - a first layer (5) comprising a waterproof functional layer (10, 20),
  - and
    - a second layer (30) laminated to said first layer (5), the second layer including a plurality of yarns and comprising having at least a bicomponent structure of at least a first component and a second component, the first component being stable to a first temperature and the second component melting at a second temperature, wherein the first temperature is higher than the second temperature and wherein the second component has been heated and melted to form the waterproof seam between the laminate and the waterproof substrate.
2. (original) The combination of claim 1, whereby the seam (500) withstands a water entry pressure of at least 0.07 bar.
3. (original) The combination of claim 1, whereby the seam (500) withstands a water entry pressure of at least 0.13 bar.
4. (original) The combination of claim 1, whereby the stiffness of the seam (500) is less than 50 mm<sup>-1</sup>.
5. (original) The combination of claim 1, whereby the shrinkage of the seam (500) is less than 7%.
6. (original) The combination of claim 1, whereby the seam (500) has a width less than 0.25 cm.

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7. (original) The combination of claim 1, whereby the seam (500) has an elongation strain at break of greater than 75%.
8. (original) The combination of claim 1, whereby the seam (500) has a transverse seam strength of greater than 3 pli.
9. (original) The combination of claim 1, whereby the second layer (30) further includes a propellant which is activatable by activation means.
10. (previously amended) The combination of claim 1, whereby the second component melts at a temperature in the range of from 80° C to 170° C.
11. (previously amended) The combination of claim 1, whereby the first component does not melt below a temperature of 140° C.
12. (original) The combination of claim 1, whereby the difference in temperature between the first temperature and the second temperature is at least 20°C.
13. (canceled)
14. (original) The combination of claim 1, wherein the second layer (30) is a knitted, woven or non-woven layer.
15. (previously amended) The combination of claim 1, wherein the first component is selected from the group of polymers comprising polyolefins, polyester, co-polyester, polyamide, co-polyamide, cellulose or protein fibers.
16. (original) The combination of claim 15, wherein the first component is polyamide 6.6.
17. (original) The combination of claim 1, wherein the second component is a thermoplastic.

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18. (previously amended) The combination of claim 9, wherein the propellant is selected from the group of propellants consisting of azodicarbonamide, ammonium hydrogen carbonate, toluolsulfohydrazin or diazoaminobenzol.
19. (previously amended) The combination of claim 18, wherein the propellant is azodicarbonamide.
20. (previously amended) The combination of claim 1, wherein the functional layer (5) is a membrane or a film.
21. (previously amended) The combination of claim 20, wherein the functional layer (5) is selected from the group of materials consisting of polyesters, polyamide, polyolefins, polyvinylchloride, polyketones, polysulfones, polycarbonates, fluoropolymers, polyacrylates, polyurethanes, co-polyetheresters, and co-polyetheramides.
22. (previously amended) The combination of claim 21, wherein the functional layer (5) is made from expanded PTFE.
23. (previously amended) The combination of claim 1, wherein the MVTR of the laminate (400) is less than 150 RET.
24. (previously amended) The combination of claim 1, wherein the water entry pressure of a laminate (400) is greater than 0.13 bar.
25. (previously amended) Articles of clothing made from the combination of claim 1.
26. (currently amended) A combination of two laminates (400, 450, 650) joined together at a waterproof seam (500), each of the laminates (400, 450, 650) comprises:
  - a first layer (5) comprising a waterproof functional layer (10, 20), and
  - a second layer (30) laminated to said first layer (5), the second layer including a plurality of yarns and comprising having at least a bicomponent structure of at least a first component and a second component, the first component being stable to a first temperature and the second component melting at a second temperature wherein the first temperature is higher than the second temperature, and wherein the

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second component has been heated and melted to form the waterproof seam between the two laminates.

27. (previously canceled)
28. (previously amended) The combination of claim 26, whereby the seam (500) withstands a water entry pressure of at least 0.13 bar.
29. (previously amended) The combination of claim 26, whereby the seam (500) has a width less than 0.25 cm.
30. (previously amended) The combination of claim 26, whereby the seam (500) has an elongation strain at break of greater than 75%.
31. (previously amended) The combination of claim 26, whereby the seam (500) has a transverse seam strength of greater than 3 pli.
32. (previously amended) The combination of claim 26, whereby the stiffness of the seam (500) is less than  $50 \text{ mm}^{-1}$ .
33. (previously amended) The combination of claim 26, whereby the shrinkage of the seam (500) is less than 7%.
34. (previously amended) The combination of claim 26, whereby the second layer further includes a propellant which is activatable by activation means.
35. (previously amended) The combination of claim 26, whereby the second component melts at a temperature in the range of from 80° C to 170° C.
36. (previously amended) The combination of claim 26, whereby the first component does not melt below a temperature of 140° C.
37. (previously amended) The combination of claim 26, whereby the difference in temperature between the first temperature and the second temperature is at least 20°C.
38. (canceled)

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39. (previously amended) The combination of claim 26, wherein the first component is selected from the group of polymers comprising cellulose, protein fibers, polyolefins, polyester, co-polyester, polyamide, and co-polyamide.
40. (previously amended) The combination of claim 39, wherein the first component is polyamide 6.6.
41. (previously amended) The combination of claim 26, wherein the second components is a thermoplastic.
42. (previously amended) The combination of claim 41, wherein the second component is selected from the group of thermoplastics comprising co-polyester, polyamide, co-polyamide and polyolefin.
43. (previously amended) The combination of claim 42, wherein the second component is a polyethylene.
44. (previously amended) The combination of claim 42, wherein the second component is a polyamide 6.
45. (canceled)
46. (currently amended) The combination of claim 26 45, wherein the yarn has a sheath-core structure, wherein the second component forms the cover.
47. (currently amended) The combination of claim 26 45, wherein the yarn has a "side-by-side" structure.
48. (canceled)
49. (currently amended) The combination of claim 26 48, wherein the yarn is comprised of fibers.

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50. (previously amended) The combination of claim 34, wherein the propellant after activation generated a closed cell foam with the second component after melting.
51. (previously amended) The combination of claim 34, wherein the propellant is activated at a temperature between the second temperature and the first temperature.
52. (previously amended) The combination of claim 34, wherein the propellant is an integral part of the second component.
53. (previously amended) The combination of claim 34, wherein the propellant is selected from the group of propellants consisting of azodicarbonamide, ammonium hydrogen carbonate, toluolsulfohydrazin or diazoaminobenzol.
54. (previously amended) The combination of claim 53, wherein the propellant is azodicarbonamide.
55. (previously amended) The combination of claim 26, wherein the functional layer (5) is a membrane or a film.
56. (previously amended) The combination of claim 55, wherein the functional layer (5) is selected from the group of materials consisting of polyesters, polyamide, polyolefins, polyvinylchloride, polyketones, polysulfones, polycarbonates, fluoropolymers, polyacrylates, polyurethanes, co-polyetheresters, and co-polyetheramides.
57. (previously amended) The combination of claim 56, wherein the functional layer (5) is made from expanded PTFE.
58. (previously amended) The combination of claim 26, wherein the MVTR of the laminate (1) is greater than  $3000 \text{ m}^2/24 \text{ hr}$ .
59. (previously amended) The combination of claim 26, wherein the water entry pressure of a laminate (1) is greater than 0.13 bar.
60. (previously amended) The combination of claim 26 in a garment.

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61. (previously amended) The combination of claim 1 wherein the waterproof substrate comprises at least a waterproof laminate (400, 450), having a functional layer (10, 20) laminated to a textile layer (30) wherein the waterproof seam (500) has a transverse seam strength of greater than 3 pli and an elongation strain at break greater than 75%.
62. (previously amended) The combination of claim 61, wherein the seam (500) has a width of less than 0.25 cm.
63. (previously amended) The combination of claim 61, wherein the stiffness of the seam (500) is less than  $50 \text{ mm}^{-1}$ .
64. (previously amended) The combination of claim 61, wherein the seam (500) withstands water pressure of 0.13 bar for at least three minutes.
65. (previously amended) The combination of claim 61, wherein the seam (500) shrinks by less than 7% after welding.
66. (previously amended) The combination of claim 1 wherein the waterproof substrate comprises at least a waterproof laminate (400, 450), having a functional layer (10, 20) laminated to a textile layer (30), wherein the waterproof seam (500) has a transverse seam strength of greater than 3 pli and wherein the stiffness of the seam (500) is less than  $50 \text{ mm}^{-1}$ .
67. (previously amended) The combination of claim 66, wherein the seam (500) has a width of less than 0.25 cm.
68. (previously amended) The combination of claim 66, wherein elongation strain at break is greater than 75%.
69. (previously amended) The combination of claim 66, wherein the seam (500) withstands a water pressure of 0.13 bar for at least three minutes.
- 70 -72. (previously canceled)

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- 73. (previously amended) The combination of claim 17, wherein the second component is selected from the group of thermoplastics comprising co-polyester, polyamide, co-polyamide or polyolefin.
- 74. (previously amended) The combination of claim 73, wherein the second component is a polyethylene.
- 75. (previously amended) The combination of claim 73, wherein the second component is a polyamide 6.
- 76. (canceled)
- 77. (currently amended) The combination of claim 1 76, wherein the yarn has a cover-core structure, wherein the second component forms the cover.
- 78. (currently amended) The combination of claim 1 76, wherein the yarn has a "side-by-side" structure.
- 79. (currently amended) The combination of claim 1 ~~43~~, wherein the second layer is a blend of said plurality of yarns ~~selected from strands, filaments, threads and fibers.~~
- 80. (currently amended) The combination of claim 1 ~~43~~, wherein the yarn is comprised of fibers.
- 81. (previously amended) The combination of claim 9, wherein the propellant after activation generates a closed cell foam with the second component after melting.
- 82. (previously amended) The combination of claim 9, wherein the propellant is activated at a temperature between the second temperature and the first temperature.
- 83. (previously amended) The combination of claim 9, wherein the propellant is an integral part of the second component.
- 84. (previously amended) The combination of claim 1, whereby the first component does not disintegrate below a temperature of 140° C.



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85. (previously amended) The combination of claim 26, whereby the first component does not disintegrate below a temperature of 140° C.
86. (previously amended) The combination of claim 15, wherein the first component is a polyolefin selected from polypropylene and polyethylene.
87. (previously amended) The combination of claim 15, wherein the first component is a protein fiber selected from wool and silk.
88. (previously amended) The combination of claim 21, wherein the functional layer is polytetrafluoroethylene (PTFE).
89. (previously amended) The combination of claim 39, wherein the first component is a polyolefin selected from polypropylene and polyethylene.
90. (previously amended) The combination of claim 39, wherein the first component is a protein fiber selected from wool and silk.
91. (previously amended) The combination of claim 41, wherein the second component is a polyolefin selected from polypropylene and polyethylene.
92. (currently amended) The combination of claim 55, wherein the functional layer is 454polytetrafluoroethylene (PTFE).
93. (previously amended) The combination of claim 73 wherein the second component is a polypropylene.
94. (new) A combination of a laminate (400) and a substrate (450,650) comprising:  
a waterproof substrate (450, 650); and  
a laminate (400) joined to the substrate (45), 650) at a waterproof seam (500), the laminate (400) having  
a first layer (5) comprising a waterproof functional layer (10, 20),  
and  
a second layer (30) laminated to the first layer (5) and comprising  
at least a first component, a second component and a propellant  
which is activatable by activation means, the first component

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being stable to a first temperature and the second component melting at a second temperature, wherein the first temperature is higher than the second temperature and wherein the second component has been heated and melted to form the waterproof seam between the laminate and the waterproof substrate.